

## CLAIMS

What is claimed is:

- 1        1. An actuating device comprising:
  - 2              a base part;
  - 3              a movable part which can pivot about a pivot axis with respect to said
  - 4          base part;
  - 5              a push/pull rod having a first end which is pivotably coupled to one of said
  - 6          movable part and said base part at a distance from said pivot axis, and a second end
  - 7          which is movable along a guide path on the other of said movable part and said base
  - 8          part, said guide path extending transversely to said pivot axis; and
  - 9              a driving device comprising a first cable which pulls said second end of
  - 10         said rod in a first direction on said guide path, a second cable which pulls said second
  - 11         end of said rod in a second direction on said guide path, and at least one cable drum for
  - 12         winding said cables.
- 1        2. An actuating device as in claim 1 wherein said driving device  
2          comprises a first cable drum for said first cable and a second cable drum for said  
3          second cable, said drums being driven so that one cable is being wound while the other  
4          cable is being unwound.
- 1        3. An actuating device as in claim 1 wherein said driving device  
2          comprises a common cable drum for both of said cables, and a motor which can be  
3          reversed so that one cable is being wound while the other cable is being unwound.

1                  4. An actuating device as in claim 1 wherein said driving device  
2 comprises an electric motor for driving said at least one cable drum.

1                  5. An actuating device as in claim 4 wherein said motor drives said at  
2 least one cable drum via gears.

1                  6. An actuating device as in claim 1 further comprising a deflection  
2 pulley guiding at least one of said cables.

1                  7. An actuating device as in claim 1 further comprising at least one  
2 deflection pulley for guiding at least one of said cables in the manner of a block and  
3 tackle.

1                  8. An actuating device as in claim 1 further comprising a sheath  
2 surrounding at least one of said cables to form a respective at least one Bowden cable.

1                  9. An actuating device as in claim 1 wherein said guide path is a  
2 rectilinear guide path.

1                  10. An actuating device as in claim 1 further comprising a slideway  
2 along said guide path and a slide which is displaceable in said slideway, said second  
3 end of said push/pull rod being pivotably connected to said slide.

1                  11. An actuating device as in claim 1 further comprising a sensor for  
2 detecting a position of said movable part relative to said base part.

1                   12. An actuating device as in claim 11 wherein said sensor is a  
2 rotational position sensor.

1                   13. An actuating device as in claim 12 wherein said rotational position  
2 sensor detects the rotational position of the movable part.

1                   14. An actuating device as in claim 12 further comprising an electric  
2 motor for driving said at least one cable drum, said sensor detecting the rotational  
3 position of said motor.

1                   15. An actuating device as in claim 11 wherein said sensor detects the  
2 position of said second end of said push/pull rod.

1                   16. An actuating device as in claim 11 wherein said sensor comprises a  
2 potentiometer.

1                   17. An actuating device as in claim 1 wherein said driving device  
2 further comprises a clutch via which said cable drum is driven.

1                   18. An actuating device as in claim 17 wherein said clutch is an  
2 electromagnetic clutch.

1                   19. An actuating device as in claim 18 wherein said electromagnetic  
2 clutch is open in a non-energized state and closed in an energized state.

1               20. An actuating device as in claim 1 wherein said driving device  
2 comprises a self-locking electric motor.

1               21. An actuating element as in claim 1 further comprising a force  
2 accumulator arranged between said base part and said movable part.

1               22. An actuating device as in claim 21 wherein said force accumulator  
2 is a piston-cylinder unit having a cylinder connected to one of said base part and said  
3 movable part, and a piston connected to the other of said base part and said movable  
4 part.

1               23. An actuating device as in claim 1 further comprising a fixing  
2 element arranged between the base part and the movable part, said fixing element  
3 retaining said movable part in a fixed position when said driving device is not actuated.

1               24. An actuating device as in claim 23 wherein said fixing element  
2 provides a retaining force which is eliminated when said driving device is actuated.

1               25. An actuating device as in claim 24 wherein said fixing element is a  
2 piston-cylinder unit having a cylinder connected to one of said base part and said  
3 movable part, and a piston connected to the other of said base part and said movable  
4 part.

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